SIMRAD AP50/AP50+ Specifications

- Multi-language display
- Transflective matrix LCD 102x83mm
- Analog presentation
- Rudder angle bargraph
- Adjustable backlight
- Dedicated mode keys
- Course change, rotary knob
- Course change keys, ±1/5/10° Dedicated/Selectable
- Heading capture in turns
- Rate/radius turn control
- Work mode
- DODGE, resume of previous heading
- U-turn, C-turn
- NFU/FU Power steering
- Automatic tuning (Autotune)
- Seastate and parameter speed control both automatic and manual
- Rudder deadband adjust (Adaptive/Manual)
- Rudder angle calibration
- Multiple stations
- Remote station lock
- Master station operation
- Solenoid or reversible motor control interface
- Galvanic isolated solenoid or analog control (AD50) interface
- *Dual galvanic isolated solenoid or analog control interface (AP50+ only)*
- Thruster Control (TI51)
- Multiple compass input
- Multiple NMEA 0183 input/output
- System selector interface (manual/automatic steering)
- Off course alarm
- Compass difference alarm
- System monitoring alarms
- Remote alarm station interface option (NAUT-OSV class)
- IMO - High Speed - Wheelmark - USCG approved
- AP 50 Standard Junctionbox specification: J50 (AP50+: J50-40)
- Supply Voltage 10-40V
- Reverse voltage protection (not for AP50+)
- Solenoid/Motor drive (continuous/peak)
- Solenoid, external supplied up to 10
- Total number of Robnet control units: 2
- NMEA ports (in/out)
- Input for NFU control
- External alarm
- Radar clock / data interface
- System select Autopilot / Main steering